

ATTORNEY'S DKT NO.  
032266-004

APPLICATION NO.

**APPLICANT**  
Von Schaewen, Anti

**FILING DATE**  
Herewith

**GROUP**

**U.S. PATENT DOCUMENTS**

[illegible]

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
CKW	WO 92/09694		PCT				
CKW	WO 96/21038		PCT				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

<del>_____</del>	<del>Chemical Abstracts 119: 245692f</del>
<del>_____</del>	<del>Chemical Abstracts 120: 294245s</del>
<del>_____</del>	<del>EML-Genbank AC B24856</del>
<del>_____</del>	<del>EML-Genbank AC AC000098</del>
<del>_____</del>	<del>Altmann, F., et al. "Processing of asparagine-linked oligosaccharides in insect cells. N-acetylglucosaminyl transferase I and II activities in cultured lepidopteran cells." <i>Glycobiology</i> 3: 619-625 (1993)</del>
CKW	Barton, N.W., et al. "Therapeutic response to intravenous infusions of glucocerebrosidase in a patient with Gaucher disease." <i>Proc Natl Acad Sci USA</i> . 87: 1913-1916 (1990).
CKW	Bevan, M. "Binary <i>Agrobacterium</i> vectors for plant transformation." <i>Nucl. Acids Res.</i> 12: 8711-8721 (1984).
CKW	Church, G.M., et al. "Genomic sequencing." <i>Proc Acad Sci USA</i> 81: 1991-1995 (1984)
<del>_____</del>	<del>Damm, B., et al. "Efficient transformation of <i>Arabidopsis thaliana</i> using direct gene transfer to protoplasts." <i>Mol Gen Genet.</i> 213: 15-20 (1989).</del>

<b>INFORMATION DISCLOSURE CITATION</b>  <b>PTO-1449</b>	ATTORNEY'S DKT NO. 032266-004	APPLICATION NO.
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CKW	Deblaere, R., et al. "Efficient octopine Ti plasmid-derived vectors for <i>Agrobacterium</i> mediated gene transfer to plants." <i>Nucl Acids Res.</i> 13: 4777-4788 (1985).
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	Faske, M, et al. "Transgenic tobacco plants expressing pea chloroplast <i>Nmdh</i> cDNA in sense and antisense orientation: Effects on NADP-MDH level, stability of transformants, and plant growth." <i>Plant Physiol.</i> 115: 705-715 (1997).
	Faye, L., et al. "Apparent inhibition of $\beta$ fructosidase secretion by tunicamycin may be explained by breakdown of the unglycosylated protein during secretion." <i>Plant Physiol</i> 89: 845-851 (1989).
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	Fukuda, M.N., et al. "Incomplete synthesis of N-glycans in congenital dyserythropoetic anemia type II caused by a defect in the gene encoding $\alpha$ -mannosidase II." <i>Proc Natl Acad Sci USA</i> 87: 7443-7447 (1990)
	Gomez, L, et al. "Complementation of an <i>Arabidopsis thaliana</i> mutant that lacks complex asparagine-linked glycans with the human cDNA encoding -acetylglucosaminyltransferase I." <i>Proc. Natl. Acad. Sci. USA.</i> 91: 1829-1833 (1994).
	Graeve, K., et al. "Purification, characterization and cDNA sequence of glucose-6-phosphate dehydrogenase from potato ( <i>Solanum tuberosum</i> L.)." <i>Plant J.</i> 5: 353-361 (1994).
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	Höfte, H., et al. "The protein-body proteins phytohemagglutinin and tonoplast intrinsic protein are targeted to vacuoles in leaves of transgenic tobacco." <i>Planta.</i> 184: 431-437 (1991).
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	Kaushal, GP, et al.. "Structure and biosynthesis of plant N-linked glycans." J Preiss, Ed. <u>The Biochemistry of Plants</u> , Vol 14: Carbohydrates. Academic Press, San Diego, CA, (1988) pp 421-463.
	Koes, K., et al. "Targeted gene inactivation in petunia by PCR-based selection of transposon insertion mutants." <i>Proc Acad Sci USA</i> 92: 8149-8153 (1995).
	Kornfeld, R., et al. "Assembly of asparagine-linked oligosaccharides." <i>Annu Rev Biochem</i> 54: 631-664 (1985).
	Kumar, R., et al. "Cloning and expression of N -acetylglucosaminyltransferase I, the medial Golgi transferase that initiates complex N-linked carbohydrate formation." <i>Proc Natl Acad Sci USA</i> 87: 9948-9952 (1990).
CKW	Laurière, M., et al. "Characterization of a xylose-specific antiserum that reacts with the complex asparagine-linked glycans of extracellular and vacuolar glycoproteins." <i>Plant Physiol.</i> 90: 1182-1188 (1989).

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	Moffat, AS. "Medical applications: Exploring transgenic plants as a new vaccine source." <i>Science</i> 268: 658-660 (1995) (summary of two original publications in the same issue)
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	Puchta, H., et al. "From centiMorgans to base pairs: homologous recombination in plants." <i>Plant Sci.</i> 1: 340-348 (1996).
	Rademacher, T.W., et al. "Glycobiology." <i>Annu Rev Biochem</i> 57: 785-838 (1988)
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	Sorge, J., et al. "Molecular cloning and nucleotide sequence of human cerebrosidase cDNA." <i>Proc Natl Acad Sci USA.</i> 82: 7289-7293 (1985).
	Stanley, P. "Chinese hamster ovary cell mutants with multiple glycosylation defects for production of glycoproteins with minimal carbohydrate heterogeneity." <i>Mol Cell Biol</i> 9:377-383 (1989)
	Sturm, A., et al. "Subcellular localization of glycosidases and glycosyltransferases involved in the processing of N-linked oligosaccharides." <i>Plant Physiol.</i> 85: 741-745 (1987)
	Sturm, A. "Heterogeneity of the complex N-linked oligosaccharides at specific glycosylation sites of 2 secreted carrot glycoproteins." <i>Eur J Biochem</i> 199: 169-179 (1991).
	Taylor, CB. "Comprehending cosuppression." <i>Plant Cell</i> 9: 1245-1249 (1997)(summary of several original publications in the same issue)
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	Von Schaewen, A., et al. "Expression of a yeast-derived invertase in the cell wall of tobacco and <i>Arabidopsis</i> plants leads to accumulation of carbohydrate, inhibition of photosynthesis and strongly influences growth and phenotype of transgenic tobacco plants." <i>EMBO J.</i> 9: 3033-3044 (1990).
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**SHEET 1 OF 3**

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DUPLICATE

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